IBM

IBM Kiosk

Highlights

- ■ *Provides a platform for sophisticated kiosk applications that require Web connectivity and multimedia support*

- ■ *Sleek, rugged design is reliable enough to withstand rough treatment, even in unattended self-service environments*

- ■ *Flexible configuration features an open platform, multiple peripheral options and a standard or customized enclosure*

Equipped for advanced self-service

Designed for style and engineered for high performance, the IBM Kiosk is the platform you need to run self-service applications in virtually any environment. Inside, it is Web-enabled[1] and multimedia-ready, with ample processing power and multiple peripheral options. Outside, it features a sleek, durable enclosure and an elegant touchscreen display. With this comprehensive kiosk, users can serve themselves instead of waiting in line. You can offer another world of choices without stocking extra inventory. And you can provide new customer services, such as a product locator or gift registry, without adding staff.

Advantages for any organization

The IBM Kiosk is a key component of the IBM MerchantReach™ portfolio – solutions that integrate multiple access points, including kiosks, Web sites, call centers, PDAs and mobile phones, to help retailers significantly improve customer service without increasing operating costs. The IBM Kiosk can extend these same benefits to many other industries. For example, it can accept credit card applications in a bank, assist with check-in at airports, or sell tickets in a movie theater.

Broad software offering

With its standard, open platform, this kiosk can run off-the-shelf software as well as applications created by IBM, your in-house team or independent software vendors (ISVs). Or you can select StoreProven™ [2] applications – which have been tested for compatibility with the IBM Kiosk – from IBM Business Partners and ISVs.

Total kiosk solutions from IBM

IBM can be your single source for pedestal, wall-mount or countertop kiosk solutions. IBM provides custom enclosures, integration of third-party peripherals, installation, training and support. IBM expertise includes rollout, host integration, remote systems management, consulting and financing.

e business

IBM StoreProven

Superior kiosk technology

Spill-resistant display with active matrix touchscreen LCD

PC card expansion slot enables modem or wireless connectivity

Splash-resistant louvers allow air to flow while protecting internal electronics

Cooling-pipe technology cools the processor without exposing it to external contaminants

Space-saving design integrates all peripheral options

Durable enclosure helps withstand frequent usage and rough handling

10/100 Ethernet connectivity provides the speed and bandwidth for LAN communications and Internet applications

Integrated magnetic stripe reader

Presence sensor activates the kiosk when customers approach

Integrated speakers for simulated surround sound

Omni-directional barcode scanner

Thermal printer delivers receipts and other documents quickly and quietly

UPS provides backup power and helps protect against EMI and power surges

Threaded mounting nuts allow you to display customized promotional signage

Internal components mounted on sliding drawer for easy servicing

Optional countertop configuration available

NEW Model 152	For advanced self-service	
	• 15" active matrix LCD	• 32 MB max video memory (UMA)
	• 1.2 GHz processor	• 128 MB standard memory (1 GB capable)
	• 4 USB ports	• 1,024 x 768 resolution (16 million colors)
	• Capacitive touchscreen	• Compact flash (optional)
Model 150	For cost-effective performance	
	• 15" active matrix LCD	• 8 MB max video memory (UMA)
	• 550 MHz processor	• 64 MB standard memory (512 MB capable)
	• 2 USB ports	• 1,024 x 768 resolution (16 million colors)
	• Capacitive touchscreen	
Model 120	For basic self-service	
	• 12" active matrix LCD	• 8 MB max video memory (UMA)
	• 400 MHz processor	• 64 MB standard memory (512 MB capable)
	• Resistive touchscreen	• 800 x 600 resolution (16 million colors)

IBM Kiosk at a glance

	4835-152	4835-150	4835-120
Hardware			
Processor[3]	• 1.2 GHz Intel® Celeron™	• 550 MHz AMD-K6®-III E+	• 400 MHz AMD-K6-2
Hard disk drive[4]	• 20 GB or greater	• 20 GB or greater	• 10 GB or greater
Slots	• PC card	• PC card	• PC card
Ports	• 10/100 Ethernet, 3 RS-232 (RJ45), 1 RS-232 (powered), 4 USB, headphone/ microphone, parallel, external floppy, MSR, PS/2 keyboard/PC mouse, video (VGA)	• 10/100 Ethernet, 3 RS-232 (DB9), 1 RS-232 (powered), 2 USB, headphone/ microphone, parallel, external floppy, MSR, PS/2 keyboard/PC mouse, video (VGA)	• 10/100 Ethernet, 3 RS-232 (DB9), 1 RS-232 (powered), 2 USB, headphone/ microphone, parallel, external floppy, MSR, PS/2 keyboard/PC mouse, video (VGA)
Dimensions (WxDxH)			
System unit	• 16.1" x 15" x 13.9" (409.2 x 380.4 x 351.8 mm)	• 16.1" x 15" x 13.9" (409.2 x 380.4 x 351.8 mm)	• 15" x 12.8" x 12.6" (381 x 325 x 321 mm)
System unit with enclosure	• 16.1" x 15" x 55.8" (409.2 x 380.4 x 1,417 mm)	• 16.1" x 15" x 55.8" (409.2 x 380.4 x 1,417 mm)	• 15" x 12.8" x 54.4" (381 x 325 x 1,382 mm)
Weight			
System unit	• 25.8 lbs (11.7 kg)	• 25.8 lbs (11.7 kg)	• 21 lbs (9.5 kg)
Enclosure	• 125 lbs (56.8 kg)	• 125 lbs (56.8 kg)	• 125 lbs (56.8 kg)
Fully configured system	• 150 - 200 lbs (68.1 - 91 kg)	• 150 - 200 lbs (68.1 - 91 kg)	• 150 - 200 lbs (68.1 - 91 kg)

	4835-152	4835-150	4835-120
Software			
Operating systems supported	• Microsoft® Windows® 2000 • Microsoft Windows XP (Professional Edition)[5] • Microsoft Windows 98 (Second Edition) • RedHat Linux 7.1[6]	• Microsoft Windows 2000 • Microsoft Windows XP (Professional Edition) • Microsoft Windows 98 (Second Edition) • Microsoft Windows NT® 4.0 • RedHat Linux 7.1[6]	• Microsoft Windows 2000 • Microsoft Windows XP (Professional Edition) • Microsoft Windows 98 (Second Edition) • Microsoft Windows NT 4.0 • RedHad Linux 7.1[6]
Drivers supported	• Microsoft Windows, OPOS[7], JavaPOS™ [7]		
Management tools supported	• IBM Remote Deployment Manager 3.1, IBM Director 3.1, IBM CDS Kiosk Manager		

	4835-152	4835-150	4835-120
Industry Standards			
Systems management	• Wired for Management (WfM) 2.0 • Wake on LAN® (WOL)	• SMBIOS 2.0	
Power management	• APM 1.2 • Advanced Configuration and Power Management Interface (ACPI) 1.0		
Boot protocols	• RPL, DHCP, BootP, PXE 2.0 (152), PXE 1.0 (150, 120)		

IBM Kiosk at a glance (continued)

Peripheral Options

- Single-sided, 3-track MSR
- Speaker kit
- SBCS (80/112 mm) and DBCS (58/80/112 mm) thermal printers
- Uninterrupted power supply (UPS)
- Floppy drive (1.44 MB)
- Dual-sided, single-track MSR (Japan and Korea only)
- Barcode scanner
- Keyboard (with integrated trackball mouse)
- Power strip
- CD-ROM drive (10X USB) – bootable

Services

Limited warranty[8]	• One year
Technical support	• 24x7 phone support (during warranty period[9]) and Web-based help
Options	• Onsite service is available. • For more information, contact your local IBM representative.

[1] Does not include Internet service account.

[2] IBM makes no warranties, expressed or implied, regarding StoreProven products and services, including any implied warranties of merchant-ability or fitness for a particular purpose. Statements made by IBM Business Partners that offer StoreProven applications are provided by the relevant third-party company and not IBM.

[3] MHz/GHz only measures microprocessor internal clock speed; many factors affect application performance.

[4] GB equals one billion bytes when referring to storage capacity; accessibility may be less.

[5] IBM will provide hardware support for customers who create unique Windows XP Embedded images. Field problems for XP Embedded will need to be recreated under Windows XP Professional.

[6] System unit only.

[7] Available for select operating systems and devices.

[8] For a copy of the terms and conditions of IBM's statement of limited warranty, please contact your IBM representative or reseller.

[9] Response times may vary.

For more information

To learn more about the IBM Kiosk, please contact your local representative or find us on the Web at: **ibm.com**/industries/retail/store

To place an order, call 1 800 IBM-CALL (1 800 426-2255) or 1 770 863-1000 outside the U.S. and Canada.

Front cover shows the IBM Kiosk model 152 with optional scanner, printer, MSR and enclosure.

Page 2 shows the IBM Kiosk model 150 with optional scanner, printer, MSR and enclosure.

For Position Only